PTO/SB/81 (07-08)

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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/692,491		
	Filing Date	October 24, 2003		
	First Named Inventor	Ernest C. Chen		
	Title	Online Output Multiplexer Filter Measurement		
	Art Unit	2419		
	Examiner Name	Duc Chỉ Ho		
	Attorney Docket Number	PD-201150		

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby Appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number			
Todd N. Snyder	41,320			
Victor G. Cooper	39,641			
Jason S. Feldmar	39,187			

Please recognize or change the correspondence address for the above-identified application to the address associated with Customer Number: 20991

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See 37 CFR 3.71.Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith.

 SIGNATURE of Assignee of Record

 Signature - March
 Date
 September 25, 2010

 Name - Karen L. Lum
 Telephone
 310-964-0735

Title and Company - Assistant Secretary, The DIRECTV Group, Inc.

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of ONE form is submitted

This collection of information is required by 37 CFR 13, 1,32 and 1,33. The information is required to obtain or retain a benefit by the public, which is to file (and by the LISPTO to process) an application Conferentiality is generated by 38 LGS 122 and 37 CRR 1,14 and 1.14. This collection is estimated to be also minutes to complete depication form to the USPTO. Time will vary depending upon the including alternative interest in the completed application form to the USPTO. Time will vary depending upon the including the completed process of the conference of the completed process of the conference of the complete of the completed process of the conference of the complete of t